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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/575,433	12/20/1995	LISHENG HUANG	RIC-95-042	8140
25537	7590	01/24/2006	EXAMINER	
MCI, INC 1133 19TH STREET NW 4TH FLOOR WASHINGTON, DC 20036			TRAN, PHUC H	
		ART UNIT	PAPER NUMBER	2668

DATE MAILED: 01/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	08/575,433	HUANG, LISHENG
	<b>Examiner</b> PHUC H. TRAN	<b>Art Unit</b> 2668

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 20 November 2005.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1,4-7,9-11,14-17,19,20,22 and 26-39 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) 29,30 and 34 is/are allowed.  
 6) Claim(s) 1,4-7,9-11,14-17,19,20,22,26-28,31-33 and 35-38 is/are rejected.  
 7) Claim(s) 39 is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|  | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

#### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1, 4-7, 9-11, 14-17, 19, 20, 22, 26-28, 31-33, and 35-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Turock (U.S. Patent No. 6243373 B1) in view of Bhusri (U.S. Patent No. 6775375 B1).

- With respect to claims 1, 6-7, 11, 16-17, 22, 28, 31 & 38, Turock teaches a telecommunications system (Fig. 2) comprising:

an originating circuit-switch network (blocks 202, 208 and 210 in Fig. 2) provides originating signals in response to voice input (col. 12, lines 27-29);

an originating gateway computer converts the originating signals into packets of digital data and digital to signal (block 506 in Fig. 5, col. 8, lines 57-60);

a terminating gateway computer, converts the digital data packets into terminating signals or terminating signals to the digital packets (block 508 in Fig. 5, col. 8, lines 57-60);

a terminating circuit-switched network provides voice output in response to the terminating signals and capable of providing voice input to the terminating gateway computer (e.g. the block 220 in Fig. 2);

and packet-switched network transmits the digital packets from/to the originating to/from the terminating gateway computer (block 214 in Fig. 2), at least one of the originating and terminating gateway comprising a component for routing the digital packets through the packet-switched network from the originating to the terminating gateway computer in response to dialed digits, spoken digits (e.g. blocks 206 and 216 communicate through block 214);

wherein the terminating circuit-switched network is capable of providing first return signals to the terminating gateway computer in response to return voice input (col. 5, lines 45-48);

wherein the terminating gateway computer comprises a component for converting the first return signals into return packets of return digital data (it inherently know when the called answer the call from calling party, the gateway must convert analog to digital for returning call),

wherein at least one of the originating gateway computer or the terminating gateway computer comprises a component for routing the return packets through the packet-switched network from the terminating gateway computer to the originating gateway computer (col. 5, lines 45-48),

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and wherein the originating gateway computer comprises a component for converting the return packets into second return signals (it inherently know when gateway convert A/D it also convert D/A for communication).

Turock fails to teach that accepts out of band signaling. Bhusri teaches common channel signaling is an out-of-band technique for exchanging information over channel separated from those used to carry voice or data signals (col. 6, lines 35-38).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time of the invention was made to implement the technique for control and exchanging information between user in communication network.

- With respect to claims 4-5, 9-10, 14-15, & 19-20, Turock also teaches wherein the terminating gateway computer comprises a buffer for storing the digital packets prior to the conversion thereof into the terminating signals (col. 8, lines 20-23) and rearranging for a proper packet order (e.g. calls is process in order).

- With respect to claims 26 & 32, Turock discloses wherein at least one of the routing components comprises address resolution logic and a network routing database implement with a central processing unit (block 514 in Fig. 5 and col. 14, lines 39-58).

- With respect to claims 27 & 33, Turock explicitly fail to teach wherein the originating gateway terminal computer includes a component for providing a ring back tone or a busy tone to a telephone connected to the originating circuit-switched network, however, it's well known in the art at the time of the invention was made that a busy tone will send to the callers when the callee's line is busy.

- With respect to claims 35-38 Turock further teaches providing a caller's address and callee's address to an originating gateway computer in the originating network (col. 6, lines 44-46);  
authorizing a call using the caller's address and the routing (col. 6, lines 36-43);  
the terminating gateway computer to dial out the callee using the callee's address and the originating gateway computer provide a return tone for advising the callers of a status of the call (e.g. the communication between caller and called).

***Allowable Subject Matter***

4. Claims 29-30 and 34 allowed.
5. Claim 39 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUC H TRAN whose telephone number is (703) 308-7471. The examiner can normally be reached on M-F (8-4:30).
  - If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh M. Fan can be reached on (571) 272-3042. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 872-9314.

Phuc Tran  
Assistant Examiner  
Art Unit 2664

P.t  
January 21, 2006



DANG TON  
PRIMARY EXAMINER